

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MBHB Case No. 05-551

**In re Application of:** )  
Ronan Diffily et al. )      **Examiner:** Marcia A Golub  
**Serial No.:** 10/540,087 )      **Group Art Unit:** 2828  
**Filed:** January 20, 2006 )      **Confirmation No.:** 6432  
**For:** Frequency Setting of a Multisection Laser )  
Diode Taking into Account Thermal Effects )

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION MAILED OCTOBER 18, 2007**

Dear Sir:

In response to the Office Action mailed on October 18, 2007, please consider the following  
**AMENDMENTS and REMARKS.**

**AMENDMENTS TO THE CLAIMS** begin on page 2 of this response.

**REMARKS** begin on page 6 of this response.